

From: [BAYUK Dana](#)
To: [Eric Blischke](#); [Chip Humphrey](#); [Kristine Koch](#); [Sean Sheldrake](#); cinde.donoghue@eilttd.net
Cc: [McCue, Tom](#); [Gladstone, Alan](#); [James Peale](#); [MCCLINCY Matt](#)
Subject: FW: NWNG, Phase 1 Off-shore FSA Addendum and Follow-up Telephone Discussions
Date: 10/04/2006 04:22 PM

[attachment "SOP for Hydropunch Sampling-ver2.pdf" deleted by Chip Humphrey/R10/USEPA/US]
[attachment "Figure 15.pdf" deleted by Chip Humphrey/R10/USEPA/US]
[attachment "Final Table 7 Parameter List 9-29-06_Gasco.xls" deleted by Chip Humphrey/R10/USEPA/US]
[attachment "Final Table 6 Proposed Sample Locations Depths Intervals 9-28-06.xls" deleted by Chip Humphrey/R10/USEPA/US]
[attachment "Addendum to Phase I Sept 29 06.pdf" deleted by Chip Humphrey/R10/USEPA/US]

Hello all.

I realized when I sent my follow-up e-mail to Anchor Environmental, LLC (see below), that the addendum to the Phase 1 Offshore Field Sampling Approach had not been routed to everyone.

The addendum was sent via e-mail to DEQ last Friday afternoon. I followed up with Anchor Environmental, LLC (Anchor) via telephone on Monday and today to clarify certain details of the drilling and sampling program.

This e-mail transmits both my e-mail to Anchor summarizing the telephone conversations, and Anchor's e-mail with the addendum files attached.

Mr. Dana Bayuk, Project Manager
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-----Original Message-----

From: BAYUK Dana

Sent: Wednesday, October 04, 2006 3:53 PM

To: 'John Edwards'

Cc: 'Bob Wyatt'; Patty Dost (Schwabe); Carl Stivers; Ben Hung; John Renda; Tim Stone; Rob B. Ede; ANDERSON Jim M; MCCLINCY Matt

Subject: NWNG, Phase 1 Off-shore FSA Telephone Discussions

This e-mail provides my understanding of telephone discussions between Anchor and DEQ on October 2nd and 4th regarding the "Addendum to the Offshore Final Phase 1 Field Sampling Approach, NW Natural, Gasco Site, Portland, Oregon" (the Addendum). During the discussions, details of the drilling and sampling program proposed for Phase 1 Offshore Field Sampling Approach (Phase 1 Offshore FSA) were clarified.

Based on the telephone discussions DEQ understands the following items were clarified and agreed upon.

- Based on DEQ's September 25th comments letter, NWNG added three borings to the drilling and sampling program (i.e., GS-00, GS-11, and GS-12). Additional clarification regarding DEQ's expectations of the soil/sediment sampling approach at these drilling locations was provided during the telephone calls.

DEQ expects that soil/sediment samples from these three borings will be collected and analyzed consistent with other borings in the same sequence. In other words, DEQ expects that soil/sediment sampling will occur at borings GS-00 and GS-12 consistent with the approach proposed for even-numbered borings (i.e., GS-00 and GS-12 should be included in Table 6, Note #6), and that sampling at boring GS-11 will be consistent with the approach shown for odd-numbered borings (i.e., GS-11 should be added to Table 6, Note #7).

- The Addendum provides NWNG's recommendation for sequencing the drilling program. During our telephone calls DEQ concurred with the recommended sequence. In addition, DEQ and NWNG agreed to convene a status update meeting ~1/2-way through the field schedule to review and discuss the status of the work completed, evaluate the work remaining, and reprioritize the drilling sequence (if necessary based on the time available to perform the work).
- Soil/sediment and groundwater samples are being analyzed for PAHs using EPA Method 8270C-SIM and EPA Method 8270C respectively. DEQ noted that dibenzofuran is not on the analyte list for these methods. Dibenzofuran has been 1) identified as a chemical of interest in the area being investigated, and 2) included

along with PAHs in sampling and analytical work conducted at Siltronic. In addition, this chemical can be analyzed and reported using the referenced analytical methods.

From our telephone discussions DEQ understands that dibenzofuran will be included in the analyte list for the field sampling program.

- All soil/sediment core extracted from the Sonic drill rods will be done over secondary containment to prevent spillage and/or releases of potentially impacted material onto the deck of the barge.

DEQ will approve the Phase 1 Offshore FSA and addendum upon Anchor's concurrence that our understanding of recent telephone discussions is correct and that the items listed above will be incorporated into the field sampling program.

Please contact me with questions regarding this e-mail.

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-----Original Message-----

From: John Edwards [<mailto:jedwards@anchorenv.com>]

Sent: Friday, September 29, 2006 3:43 PM

To: BAYUK Dana

Cc: rjw@nwnatural.com; Carl Stivers; Patty Dost (Schwabe); Ben Hung; Tim Stone; John Renda; Rob B. Ede; MCCLINCY Matt; John Edwards

Subject: Addendum to Gasco Offshore FSA

Dana, (b) (6), I understand you are handling Gasco issues. The addendum to the Offshore FSA is attached for your use.

<<Addendum to Phase I Sept 29 06.pdf>> <<Final Table 6
Proposed Sample Locations Depths Intervals 9-28-06.xls>> <<Final
Table 7 Parameter List 9-29-06_Gasco.xls>> <<Figure 15.pdf>>
<<SOP for Hydropunch Sampling-ver2.pdf>>

Please contact me if you have any questions. We will be mobilizing to the site on October 5 and hope to have a second drill rig working about a week later.

Thanks for your cooperation
John
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